INTERNATIONAL SEARCH REPORT

International application No. PCT/US00/01923

A. CL			
IPC(6)	ASSIFICATION OF SUBJECT MATTER :C07F 9/06; C07D 311/04; A61K 9/00; 31/66; 3	1/35	
US CL	:424/4UU: 549/220 400· 514/100· 456		
According	to International Patent Classification (IPC) or to b	ooth national classification and IPC	
	LDS SEARCHED		
Minimum	documentation searched (classification system follo	owed by classification symbols)	
U.S. :	424/400; 549/220, 400; 514/100; 456	- ,	
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Documenta	ation searched other than minimum documentation to	o the extent that such documents are include	d in the fields searche
Electronic	data hasa samula 1 1 1 1 1 1		
	data base consulted during the international search	(name of data base and, where practicable	, search terms used)
C. DOC	UMENTS CONSIDERED TO BE RELEVANT		
Category*			
Category	Citation of document, with indication, where	appropriate, of the relevant passages	Relevant to claim
A I	US 5,587,176 A (WARREN	ET ALL OF BEING	
	1996(24.12.96), SEE ABSTRACT.	ET AL) 24 DECEMBER	1-18
	(= W1200), BEE MESTRACT.	_	
A	US 5,763,414 A (BOK ET AL) 09	HINE 1000(00 oc 00)	
	COLUMN 3, LINES 1-20.	JUNE 1998(09.06.98), SEE	1-18
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	documents are listed in the continuation of Box C	See patent family annex.	
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International application No.

PCT/US00/01923

Supplemental Box

(To be used when the space in any of the preceding boxes is not sufficient)

Continuation of: Boxes I - VIII

Sheet 10

CLASSIFICATION:

The International Patent Classification (IPC) and/or the National classification are as listed below: IPC(7): C07F 9/06; C07D 311/04; A61K 9/00; 31/66; 31/35 and US CI.: 424/400; 549/220, 400; 514/100; 456

International application No.
PCT/US00/01923

V. Reasoned statement under Article 3 citations and explanations supportin	8					
. statement						
Novelty (N)	Claims	1-18				
		NONE				YI
Inventive Step (IS)						_ NO
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	Claims	NUNE				_ NC
Industrial Applicability (IA)	OI.	1.10				
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citations and explanations (Rule 7	(0.7)					
Claims 1-18 meet the criteria set out in DCT	A -4:-1 - 22/25 - 44	.				
Claims 1-18 meet the criteria set out in PCT instant compounds and their methods of treat	ment.), because the	prior art does	not teach or fai	rly suggest the	
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PATENT COOPERATION TREATY

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference ZIEL1100WO	FOR FURTHER ACTION See No	otification of Transmittal of Internation
International application No.	International City	ary Examination Report (Form PCT/IPEA/4
PCT/US00/01923	(ady/monun/year)	Priority date (day/month/year)
International Patent Classif	26 JANUARY 2000	27 JANUARY 1999
International Patent Classification (IPC) Please See Supplemental Sheet.	or national classification and IPC	1999
Applicant ZIELINSKI LABORATORY		
This REPORT consists of a total the see Rule 70.16 and Section These annexes consist of a total The	anied by ANNEXES, i.e., sheets of the describasis for this report and/or sheets containing on 607 of the Administrative Instructions us all of sheets. relating to the following items: of report with regard to novelty, inventive tention ander Article 35(2) with regard to novelty, inventive tention supporting such statement	cription, claims and/or drawings which having rectifications made before this Authority under the PCT).
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	report	PCT/US00/01923
1. With regard to the	e elements of the internatio	nal application:*
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International application No.

PCT/US00/01923

Supplemental Box	Sup	blem	ental	Rox
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(To be used when the space in any of the preceding boxes is not sufficient)

Continuation of: Boxes I - VIII

Sheet 10

CLASSIFICATION:

The International Patent Classification (IPC) and/or the National classification are as listed below: IPC(7): C07P 9/06; C07D 311/04; A61K 9/00; 31/66; 31/35 and US C1.: 424/400; 549/220, 400; 514/100; 456

International application No.

1. statement	35(2) with reg	ard to novelty, inventive step	
Novelty (N)	O1 :		
• • •	Claims	1-18 NONE	Y
Investigation of the control of the	Ciaillis	NONE	NO
Inventive Step (IS)	Claims	1-18	
	Claims	NONE	NC
Industrial Applicability (IA)	Claims	1-18	
. ,		NONE	YE
Citations and au-1			NO
Claims 1-18 meet the criteria and an annual Par	70.7)		
Claims 1-18 meet the criteria set out in PCT instant compounds and their methods of treat	Article 33(2)-(4)	, because the prior art does not te	ach or fairly suggest the
			20 11 11
NONE NEW CITATIONS			
NONE			

PCT

REQUEST

For receiving Office use only
International Application No.
International Filing Date
Name of receiving Office and "PCT International Application"

	International Filing Date
The undersigned requests that the present	
international application be processed according to the Patent Cooperation Treaty.	Name of receiving Office and IDCT Intermedia at August 1
according to the ratent Cooperation Treaty.	Name of receiving Office and "PCT International Application"
	Applicant's or agent's file reference (if desired) (12 characters maximum) ZIEL1100WO
Box No. I TITLE OF INVENTION	
HESPERETIN PRO-FORMS WITH ENHANCED BIOAVAIL	ABILITY
Box No. II APPLICANT	
Name and address: (Family name followed by given name; for a legal ei The address must include postal code and name of country. The country Box is the applicant's State (that is, country) of residence if no State of res	of the address in discuss to the last to t
ZIELINSKI LABORATORY	Telephone No.
10366 Rosell Street, Suite C San Diego, California 92121	
United States of America	Facsimile No.
	Teleprinter No.
State (that is, country) of nationality: US	State (that is, country) of residence: US
This person is applicant all designated for the purposes of: all designated the United St	d States except the United States the States indicated in tates of America only the Supplemental Box
Box No. III FURTHER APPLICANT(S) AND/OR (FURT	7 77
Name and address: (Family name followed by given name; for a legal en The address must include postal code and name of country. The country Box is the applicant's State (that is, country) of residence if no State of res	of the address indicated to still and
ZIELINSKI, Jan E. 820 Sycamore Ave. #105	applicant only
820 Sycamore Ave, #105 Vista, California 92083	applicant and inventor
United States of America	inventor only (If this check-box
	is marked, do not fill in below.)
State (that is, country) of nationality:	State (that is, country) of residence:
DE This is a second of the sec	us
to the purposes of: States the United Sta	1 States except ates of America the United States the States indicated in the Supplemental Box
Further applicants and/or (further) inventors are indicated on	a continuation sheet.
Box No. IV AGENT OR COMMON REPRESENTATIVE	
The person identified below is hereby/has been appointed to act on of the applicant(s) before the competent International Authorities a	agent common representative
Name and address: (Family name followed by given name; for a designation. The address must include postal co	a legal entity, full official Telephone No. ode and name of country.) (858) 677-1456
HAILE, Lisa A. Gary Cary Ware & Eriodonrich LLD	
Gary Cary Ware & Friedenrich LLP 4365 Executive Drive, Suite 1600	Facsimile No. (858) 677-1465
San Diego, California 92121-2189	
United States of America	Teleprinter No.
Address for correspondence: Mark this check-box where n	o agent or common representative is/has been appointed and the
space above is used instead to indicate a special address to w	hich correspondence should be sent.

From the INTERNATIONAL PRELIMINARY EXAMINING AUTHORITY

To: LISA A. HAILE
GARY CARY WARE & FRIEDENRICH LLP
4365 EXECUTIVE DRIVE
SUITE 1600
SAN DIEGO CA 92121-2189

RECEIVED

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PCT

NOTIFICATION OF TRANSMITTAL OF INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Rule 71.1)

, IMPORTANT NOTIFICATION

GRAYCARY/GT PATEN

Date of Mailing (day/month/year)

15 NOV 2000

Applicant's or agent's file reference

ZIEL1100WO

PCT/US00/01923

International filing date (day/month/year)

Priority Date (day/month/year)

26 JANUARY 2000

27 JANUARY 1999

Applicant

ZIELINSKI LABORATORY

International application No.

- 1. The applicant is hereby notified that this International Preliminary Examining Authority transmits herewith the international preliminary examination report and its annexes, if any, established on the international application.
- 2. A copy of the report and its annexes, if any, is being transmitted to the International Bureau for communication to all the elected Offices.
- 3. Where required by any of the elected Offices, the International Bureau will prepare an English translation of the report (but not of any annexes) and will transmit such translation to those Offices.

4. REMINDER

The applicant must enter the national phase before each elected Office by performing certain acts (filing translations and paying national fees) within 30 months from the priority date (or later in some Offices)(Article 39(1))(see also the reminder sent by the International Bureau with Form PCT/IB/301).

Where a translation of the international application must be furnished to an elected Office, that translation must contain a translation of any annexes to the international preliminary examination report. It is the applicant's responsibility to prepare and furnish such translation directly to each elected Office concerned.

For further details on the applicable time limits and requirements of the elected Offices, see Volume II of the PCT Applicant's Guide.

Name and mailing address of the IPEA/US

Commissioner of Patents and Trademarks Box PCT

Washington, D.C. 20231

Facsimile No. (703) 305-3230

Authorized officer my Man

Telephone No. (703) 308-1235

Form PCT/IPEA/416 (July 1992)*

PCT

GENERAL POWER OF ATTORNEY

(for several international applications filed under the Patent Cooperation Treaty)

(PCT Rule 90.5)

The undersigned person(s): (Family name followed by given name; for a full legal ename of country.)	entity, full official designati	on. The address must include postal code and
Zielinski Laboratory 10366 Rosell Street, Suite C San Diego, California 92121 United States of America		
hereby appoint(s) the following person as:	⊠ agent	
Name and address (Family name followed by given name; for a legal entity, ficountry.)		common representative e address must include postal code and name of
Joseph R. Baker; Tim Ellis; Lisa A. Haile; William N. I June M. Learn; Timothy W. Lohse; Terrance A. Mead Steven R. Sprinkle; Ramsey R. Stewart; David R. Ste	lor: John Oskoren: Stenhe	en F Reiter
Gray Care Ware & Friedenrich LLP 4365 Executive Drive, Suite 1600 San Diego, California, 92121-2189 United States of America		
to represent the undersigned before	all the competent Into	ernational Authorities
	the International Sear	rching Authority only
	the International Prel	liminary Examining Authority only
in connection with any and all international applications file	ed by the undersigned with	the following Office
United States		as receiving Office
and to make or receive payments on behalf of the undersigr		
Signature(s) (where there are several persons, each of the signing and the capacity in which the person signs, if such the person signs, if such the signs is such that the sign is	hem must sign; next to each capacity is not obvious from	h signature, indicate the name of the person reading this power):
Jan Lielius G-	-	
JAN E. ZIELINSKI		
Title: Owner		
Place: Sau Diego		
Title: Owner Place: Som Diego Date: 05/11/00		

PCT

POWER OF ATTORNEY

(for an international application filed under the Patent Cooperation Treaty)

(PCT Rule 90.4)

The undersigned applicant(s) (Names should be indicated as they appear in the request):
Jan E. Zielinski 820 Sycamore Ave, #105 Vista, California 92083 United States of America
hereby appoints (appoint) the following person as:
Name and address (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.)
Joseph R. Baker; Tim Ellis; Lisa A. Haile; William N. Hulsey III; Richard J. Imbra; Shelia R. Kirschenbaum; June M. Learn; Timothy W. Lohse; Terrance A. Meador; John Oskorep; Stephen E. Reiter; Steven R. Sprinkle; Ramsey R. Stewart; David R. Stevens; Barry N. Young; of
Gray Care Ware & Friedenrich LLP 4365 Executive Drive, Suite 1600 San Diego, California, 92121-2189
to represent the undersigned before all the competent International Authorities
the International Searching Authority only
the International Preliminary Examining Authority only
in connection with the international application identified below:
Title of the invention: HEPERITIN PRO-FORMS WITH ENHANCED BIOAVAILIBILITY
Applicant's or agent's file reference: ZIEL1100WO
International application number (if already available): PCT/US00/1923
filed with the following Office United States as receiving Office and to make or receive payments on behalf of the undersigned.
Signature of the applicant(s) (where there are several applicants, each of them must sign; next to each signature, indicate the name of the person signing and the capacity in which the person signs, if such capacity is not obvious from reading the request or this power):
Jan F. Zieliński
Date: 03/11/00

		 <u>ノ</u>
REC'D	2 0 NOV 2000	
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PCT

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference 2664/46176	FOR FURTHER ACTION	See Notification of Transmittal of Interna Preliminary Examination Report (Form PCT/IPEA	tion:
International application No.	International filing date (day/mo	nth/year) Priority date (day/month/year)	
PCT/US00/02824	03 FEBRUARY 2000	03 FEBRUARY 1999	
International Patent Classification (IPC) IPC(7): C12P 17/00, 17/02 and US C	or national classification and IPC .: 435/118, 123	1000	
Applicant BIOGAL GYOGYSZERGYAR RT.			
2. This REPORT consists of a This report is also accombeen amended and are th (see Rule 70.16 and Sect	total of sheets. panied by ANNEXES, i.e., sheets basis for this report and/or sheets ion 607 of the Administrative Inc.	of the description, claims and/or drawings which	
These annexes consist of a to 3. This report contains indication	tal of <u>Sheets</u> .		
I X Basis of the repor		s:	
II Priority			
III Non-establishment	of report with regard to povel	ty, inventive step or industrial applicability	
IV Lack of unity of in	Wention	y, inventive step or industrial applicability	
Reasoned statement citations and explan	under Article 35(2) with regard attions supporting such statement	to novelty, inventive step or industrial applicabil	ity;
VI Certain documents c	ted		
VII Certain defects in the	international application		
	on the international application		
	on the international application		
e of submission of the demand			
	Date of co	mpletion of this report	
31 AUGUST 2000	18 007	TOBER 2000	
ne and mailing address of the IPEA/US	Authorized	officer VM MIGHT	\dashv
Commissioner of Patents and Trademarks Box PCT Washington, D.C. 20231		X 1 1 0 X X X 1 / 2	
Washington DC 20221	FREDE	RICK KRASS ()	
simile No. (703) 305-3230		1101010	- 1

International	application	No.

PCT/US00/02824

I. Basis of the	e report	
1. With regard to	the elements of the international app	
the inte	national and international app	plication:*
	national application as original	lly filed
X the desc	-	
pages _		, as originally filed
	NONE NONE	filed with the 1
pages _	NONE	, filed with the letter of, filed with the demand
X the clair		
pages _		
pages _		, as originally filed
	NONE	, as amended (together with any statement) under Article 19
pages		
Puges _	, nie	ed with the letter of, filed with the demand
X the draw		·
pages _		
	NONE	, as originally filed
pages	NONE	, filed with the demand
IBee		, filed with the letter of, filed with the demand
X the seque	nce listing part of the description	n·
pages	NONE	
pages	NONE	, as originally filed
pages	NONE	, as originally filed , filed with the demand , filed with the letter of
the languag	ge of publication of the internation of the translation furnished for t	ational application (under Rule 48.3(b)). the purposes of international preliminary examination (under Rules 55.2 and
,		
With regard to preliminary ex	any nucleotide and/or amino ac amination was carried out on the	cid sequence disclosed in the international application, the international
contained	in the international application	in printed form.
filed toget	ner with the international applic	cation in computer readable form.
furnished a	ubsequently to this Authority is	n written form
	ubsequently to this Authority is	
The statem	ent that the subsequently furnished application as filed has been fu	ad number
		computer readable form is identical to the writen sequence listing has
	ments have resulted in the can	
T		cenation of:
the d	escription, pages NONE	
the c	aims, Nos. NONE	
X the d	awings sheetelfin NONP	
	awings, sheets/fig NONE	
This report I	as been drawn as if (some of) the	amendments had not been made, since they have been considered to go
This report it beyond the	as been drawn as if (some of) the	amendments had not been made, since they have been considered to go the Supplemental Box (Rule 70.2(c)).**
This report he beyond the Replacement sheet	as been drawn as if (some of) the a	the Supplemental Box (Rule 70.2(c)).**
This report he beyond the Replacement sheet in this report as and 70.17).	as been drawn as if (some of) the a disclosure as filed, as indicated in t which have been furnished to the r originally filed and are not annot	IDP SUPPLIEMENTAL Day (Dula 70.5(.)) 44

International application No.

PCT/US00/02824

Novelty (N)	Claims	1-17	_
	Claims	NONE	
Inventive Step (IS)	Claims	1.17	
	Claims	NONE	
Industrial Applicability (IA)	Claims	1-17	Y
	Claims	NONE	N
Claims 1-17 meet the criteria set out in PCT A pharmaceutical/medical industries is self-evider	article 33(4); th	or isoburyl acetate. Furthermore, nothing in the prior are increase yields, thus lowering production costs. The applicability of the claimed methods to the	

From the INTERNATIONAL SEARCHING AUTHORITY

To: LISA A. HAILE GARY CARY WARE & FRIEDENRICH LLP 4365 EXECUTIVE DRIVE SUITE 1600 SAN DIEGO CA 92121-2189	PCT NOTIFICATION OF TRANSMITTAL OF THE INTERNATIONAL SEARCH REPORT OR THE DECLARATION (PCT Rule 44.1)			
	Date of Mailing (day/month/year) 10 MAY 2000			
Applicant's or agent's file reference ZIEL1100WO				
International application No.	Paragraphs I and 4 Delow			
PCT/US00/01923	International filing date (day/month/year)			
Applicant	26 JANUARY 2000			
ZIELINSKI LABORATORY				
Filing of amendments and statement under Artic	al search report has been established and is transmitted herewith.			
The applicant is entitled, if he so wishes, to amend the claims of the international application (see Rule 46):				
When? The time limit for filing such amendments is normally 2 months from the date of transmittal of the international search report; however, for more details, see the notes on the accompanying sheet.				
Where? Directly to the International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland Facsimile No.: (41-22) 740.14.35				
For more detailed instructions, see the notes on				
2. The applicant is hereby notified that no international Article 17(2)(a) to that effect is transmitted herewith	al search report will be established and that the declaration under			
3. With regard to the protest against payment of (an)	additional fee(s) under Rule 40.2, the applicant is notified that:			
the protest together with the decision thereon has been transmitted to the International Bureau together with the applicant's request to forward the texts of both the protest and the decision thereon to the designated Offices.				
no decision has been made yet on the protest; the applicant will be notified as soon as a decision is made.				
4. Further action(s): The applicant is reminded of the foll	Owine:			
Shortly after 18 months from the priority date, the internati the applicant wishes to avoid or postpone publication, priority claim, must reach the International Bureau as completion of the technical preparations for internation.	ional application will be published by the International Bureau. If a notice of withdrawal of the international application, or of the provided in rules 90 bis 1 and 90 bis 3, respectively, before the al publication.			
	ternational preliminary examination must be filed if the applicant til 30 months from the priority date (in some Offices even later).			
Wilnin 20 months from the priority date, the applicant must	perform the prescribed acts for entry into the national phase before			
Name and mailing address of the ISA/US	Authorized officer			
Commissioner of Patents and Trademarks Box PCT	DEBORAH LAMBKIN			
Washington, D.C. 20231 Facsimile No. (703) 305-3230	Telephone No. (703) 308-1235			

Form PCT/ISA/220 (July 1998)*

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference ZIEL1100WO	FOR FURTHER see Notification ACTION (Form PCT/IS	on of Transmittal of International Search Report 6A/220) as well as, where applicable, item 5 below.	
International application No.	International filing date (day/month/y		
PCT/US00/01923	26 JANUARY 2000	, , , , , , , , , , , , , , , , , , , ,	
	2000	27 JANUARY 1999	
Applicant ZIELINSKI LABORATORY			
This international search report consis	ing transmitted to the International Bureau.		
i. Certain claims were found	unsearchable (See Box I).		
2. Unity of invention is lacking	ng (See Box II).		
4. With regard to the title, X	filed with the international application. furnished by the applicant separately from but not accompanied by a sta	the international application, atement to the effect that it did not include matter in the international application as filed.	
	the text is approved as submitted by the ap the text has been established, according to in Box III. The applicant may, within of international search report, submit commen	Rule 38.2(b), by this Authority as it appears ne month from the date of mailing of this	
6. The figure of the drawings to be published with the abstract is:			
Eigura Ma	as suggested by the applicant.		
=	pecause the applicant failed to suggest a fig	None of the figures.	
	because this figure better characterizes the		
orm PCT/ISA/210 (S-ra share)/Lil 1000			

Form PCT/ISA/210 (first sheet)(July 1992)*